

Appendix A

Intelsat License LLC
Transponder and Contract Information

REDACTED -- FOR PUBLIC INSPECTION

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Galaxy 12	S2422	10C/10C	3882 - 3918	36			0%
		11C/11C	3902 - 3938	36			0%
		12C/12C	3922 - 3958	36			0%
		13C/13C	3942 - 3978	36			0%
		14C/14C	3962 - 3998	36			0%
		15C/15C	3982 - 4018	36			0%
		16C/16C	4002 - 4038	36			0%
		17C/17C	4022 - 4058	36			0%
		18C/18C	4042 - 4078	36			0%
		19C/19C	4062 - 4098	36			0%
		1C/1C	3702 - 3738	36			0%
		20C/20C	4082 - 4118	36			0%
		21C/21C	4102 - 4138	36			0%
		22C/22C	4122 - 4158	36			0%
		23C/23C	4142 - 4178	36			0%
		24C/24C	4162 - 4198	36			0%
		2C/2C	3722 - 3758	36			0%
		3C/3 ¹	3742 - 3778	36			0%
		4C/4C	3762 - 3798	36			0%
		5C/5C	3782 - 3818	36			0%
		6C/6C	3802 - 3838	36			0%
		7C/7C	3822 - 3858	36			0%
		8C/8C	3842 - 3878	36			0%
		9C/9C	3862 - 3898	36			0%

¹ This transponder is used for occasion/al use "OU" services.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ¹	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Galaxy 13	S2386	10C/10C	3882 - 3918	36			0%
		11C/11C	3902 - 3938	36			0%
		12C/12C	3922 - 3958	36			0%
		13C/13C	3942 - 3978	36			0%
		14C/14C	3962 - 3998	36			0%
		15C/15C	3982 - 4018	36			0%
		16C/16C	4002 - 4038	36			0%
		17C/17C	4022 - 4058	36			0%
		18C/18C	4042 - 4078	36			0%
		19C/19C	4062 - 4098	36			0%
		1C/1C	3702 - 3738	36			0%
		20C/20C	4082 - 4118	36			0%
		21C/21C	4102 - 4138	36			0%
		22C/22C	4122 - 4158	36			0%
		23C/23C	4142 - 4178	36			0%
		24C/24C	4162 - 4198	36			0%
		2C/2C	3722 - 3758	36			0%
		3C/3C	3742 - 3778	36			0%
		4C/4C	3762 - 3798	36			0%
		5C/5C	3782 - 3818	36			0%
		6C/6C	3802 - 3838	36			0%
		7C/7C	3822 - 3858	36			0%
		8C/8C	3842 - 3878	36			0%
		9C/9C	3862 - 3898	36			0%

¹ The following transponders are design/ated for restoration of services in the event of a transponder or satellite failure and are contractually committed to be available on-demand for such purposes: 10C/10C, 12C/12C, 16C/16C, 18C/18C, 20C/20C, 24C/24C, 2C/2C, 3C/3C, and 8C/8C.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ¹	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Galaxy 14	S2385	10C/10C	3882 - 3918	36			0%
		11C/11C	3902 - 3938	36			0%
		12C/12C	3922 - 3958	36			0%
		13C/13C	3942 - 3978	36			0%
		14C/14C	3962 - 3998	36			0%
		15C/15C	3982 - 4018	36			0%
		16C/16C	4002 - 4038	36			0%
		17C/17C	4022 - 4058	36			0%
		18C/18C	4042 - 4078	36			0%
		19C/19C	4062 - 4098	36			0%
		1C/1C	3702 - 3738	36			0%
		20C/20C	4082 - 4118	36			0%
		21C/21C	4102 - 4138	36			0%
		22C/22C	4122 - 4158	36			0%
		23C/23C	4142 - 4178	36			0%
		24C/24C	4162 - 4198	36			0%
		2C/2C	3722 - 3758	36			0%
		3C/3C	3742 - 3778	36			0%
		4C/4C	3762 - 3798	36			0%
		5C/5C	3782 - 3818	36			0%
		6C/6C	3802 - 3838	36			0%
		7C/7C	3822 - 3858	36			0%
		8C/8C	3842 - 3878	36			0%
		9C/9C	3862 - 3898	36			0%

¹ The following transponders are design/ated for restoration of services in the event of a transponder or satellite failure and are contractually committed to be available on-demand for such purposes: 18C/18C and 3C/3C.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ¹	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Galaxy 15	S2387	10C/10C	3882 - 3918	36			0%
		11C/11C	3902 - 3938	36			0%
		12C/12C	3922 - 3958	36			0%
		13C/13C	3942 - 3978	36			0%
		14C/14C	3962 - 3998	36			0%
		15C/15C	3982 - 4018	36			0%
		16C/16C	4002 - 4038	36			0%
		17C/17C	4022 - 4058	36			0%
		18C/18C	4042 - 4078	36			0%
		19C/19C	4062 - 4098	36			0%
		1C/1C	3702 - 3738	36			0%
		20C/20C	4082 - 4118	36			0%
		21C/21C	4102 - 4138	36			0%
		22C/22C	4122 - 4158	36			0%
		23C/23C	4142 - 4178	36			0%
		24C/24C	4162 - 4198	36			0%
		2C/2C	3722 - 3758	36			0%
		3C/3C	3742 - 3778	36			0%
		4C/4C	3762 - 3798	36			0%
		5C/5C	3782 - 3818	36			0%
		6C/6C	3802 - 3838	36			0%
		7C/7C	3822 - 3858	36			0%
		8C/8C	3842 - 3878	36			0%
		9C/9C	3862 - 3898	36			0%

¹ The following transponders are design/ated for restoration of services in the event of a transponder or satellite failure and are contractually committed to be available on-demand for such purposes: 11C/11C and 12C/12C .

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ¹	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Galaxy 16	S2687	10C/10C	3882 - 3918	36			0%
		11C/11C ²	3902 - 3938	36			0%
		12C/12C ²	3922 - 3958	36			13%
		13C/13C	3942 - 3978	36			0%
		14C/14C	3962 - 3998	36			100%
		15C/15C	3982 - 4018	36			0%
		16C/16C	4002 - 4038	36			0%
		17C/17C ²	4022 - 4058	36			0%
		18C/18C	4042 - 4078	36			0%
		19C/19C	4062 - 4098	36			0%
		1C/1C	3702 - 3738	36			0%
		20C/20C	4082 - 4118	36			0%
		21C/21C	4102 - 4138	36			0%
		22C/22C ²	4122 - 4158	36			0%
		23C/23C ²	4142 - 4178	36			0%
		24C/24C	4162 - 4198	36			100%
		2C/2C	3722 - 3758	36			0%
		3C/3C	3742 - 3778	36			0%
		4C/4C ²	3762 - 3798	36			0%
		5C/5C	3782 - 3818	36			0%
		6C/6C	3802 - 3838	36			0%
		7C/7C	3822 - 3858	36			0%
		8C/8C ²	3842 - 3878	36			0%
		9C/9C	3862 - 3898	36			0%

¹ The following transponders are design/ated for restoration of services in the event of a transponder or satellite failure and are contractually committed to be available on-demand for such purposes: 23C/23C and 4C/4C.

² These transponders are used for occasional use ("OU") services.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ¹	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Galaxy 17	S2715	10C/10C	3882 - 3918	36			0%
		11C/11C	3902 - 3938	36			0%
		12C/12C	3922 - 3958	36			0%
		13C/13C	3942 - 3978	36			0%
		14C/14C	3962 - 3998	36			0%
		15C/15C	3982 - 4018	36			0%
		16C/16C	4002 - 4038	36			0%
		17C/17C	4022 - 4058	36			0%
		18C/18C	4042 - 4078	36			0%
		19C/19C	4062 - 4098	36			0%
		1C/1C	3702 - 3738	36			0%
		20C/20C	4082 - 4118	36			0%
		21C/21C	4102 - 4138	36			0%
		22C/22C	4122 - 4158	36			0%
		23C/23C	4142 - 4178	36			0%
		24C/24C	4162 - 4198	36			0%
		2C/2C	3722 - 3758	36			0%
		3C/3C	3742 - 3778	36			0%
		4C/4C	3762 - 3798	36			0%
		5C/5C	3782 - 3818	36			0%
		6C/6C	3802 - 3838	36			0%
		7C/7C	3822 - 3858	36			0%
		8C/8C	3842 - 3878	36			0%
		9C/9C	3862 - 3898	36			0%

¹ The following transponders are designated for restoration of services in the event of a transponder or satellite failure and are contractually committed to be available on-demand for such purposes: 10C/10C, 11C/11C, 14C/14C, and 15C/15C.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ¹	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Galaxy 18	S2733	10C/10C	3882 - 3918	36			0%
		11C/11C	3902 - 3938	36			0%
		12C/12C	3922 - 3958	36			0%
		13C/13C	3942 - 3978	36			0%
		14C/14C	3962 - 3998	36			0%
		15C/15C	3982 - 4018	36			0%
		16C/16C	4002 - 4038	36			0%
		17C/17C	4022 - 4058	36			0%
		18C/18C	4042 - 4078	36			0%
		19C/19C	4062 - 4098	36			0%
		1C/1C	3702 - 3738	36			0%
		20C/20C	4082 - 4118	36			0%
		21C/21C	4102 - 4138	36			0%
		22C/22C	4122 - 4158	36			0%
		23C/23C	4142 - 4178	36			0%
		24C/24C	4162 - 4198	36			0%
		2C/2C	3722 - 3758	36			0%
		3C/3C	3742 - 3778	36			0%
		4C/4C	3762 - 3798	36			0%
		5C/5C	3782 - 3818	36			0%
		6C/6C	3802 - 3838	36			0%
		7C/7C	3822 - 3858	36			0%
		8C/8C	3842 - 3878	36			0%
		9C/9C	3862 - 3898	36			0%

¹ The following transponders are designated for restoration of services in the event of a transponder or satellite failure and are contractually committed to be available on-demand for such purposes: 17C/17C and 24C/24C.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ¹	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Galaxy 19	S2647	10C/10C	3882 - 3918	36			0%
		11C/11C ²	3902 - 3938	36			0%
		12C/12C	3922 - 3958	36			0%
		13C/13C ²	3942 - 3978	36			0%
		14C/14C	3962 - 3998	36			0%
		15C/15C ²	3982 - 4018	36			11%
		16C/16C	4002 - 4038	36			0%
		17C/17C	4022 - 4058	36			5%
		18C/18C	4042 - 4078	36			0%
		19C/19C	4062 - 4098	36			0%
		1C/1C	3702 - 3738	36			0%
		20C/20C	4082 - 4118	36			0%
		21C/21C	4102 - 4138	36			0%
		22C/22C	4122 - 4158	36			0%
		23C/23C ²	4142 - 4178	36			0%
		24C/24C ²	4162 - 4198	36			0%
		2C/2C	3722 - 3758	36			0%
		3C/3C	3742 - 3778	36			100%
		4C/4C	3762 - 3798	36			0%
		5C/5C	3782 - 3818	36			100%
		6C/6C	3802 - 3838	36			86%
		7C/7C	3822 - 3858	36			0%
		8C/8C	3842 - 3878	36			0%
		9C/9C	3862 - 3898	36			0%

¹ The following transponders are designated for restoration of services in the event of a transponder or satellite failure and are contractually committed to be available on-demand for such purposes: 23C/23C and 24C/24C.

² These transponders are used for occasional use ("OU") services.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ²	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Galaxy 23	S2592	CH02/CV02	3722 - 3758	36			0%
		CH04/CV04	3762 - 3798	36			0%
		CH06/CV06	3802 - 3838	36			0%
		CH08/CV08	3842 - 3878	36			0%
		CH10/CV10	3882 - 3918	36			0%
		CH12/CV12	3922 - 3958	36			0%
		CH14/CV14	3962 - 3998	36			0%
		CH16/CV16 ¹	4002 - 4038	36			0%
		CH18/CV18	4042 - 4078	36			0%
		CH20/CV20	4082 - 4118	36			0%
		CH22/CV22	4122 - 4158	36			0%
		CH24/CV24	4162 - 4198	36			0%
		CV01/CH01	3702 - 3738	36			0%
		CV03/CH03	3742 - 3778	36			0%
		CV05/CH05	3782 - 3818	36			0%
		CV07/CH07	3822 - 3858	36			0%
		CV09/CH09	3862 - 3898	36			0%
		CV11/CH11	3902 - 3938	36			0%
		CV13/CH13	3942 - 3978	36			0%
		CV15/CH15	3982 - 4018	36			0%
		CV17/CH17	4022 - 4058	36			0%
		CV19/CH19	4062 - 4098	36			0%
		CV21/CH21 ¹	4102 - 4138	36			0%
		CV23/CH23	4142 - 4178	36			0%

¹ These transponders are used for occasional use ("OU") services.

² The following transponders are designated for restoration of services in the event of a transponder or satellite failure and are contractually committed to be available on-demand for such purposes: CH02/CV02, CH06/CV06, CH08/CV08, CH10/CV10, CH12/CV12, CH14/CV14, CH16/CV16, CH18/CV18, CH20/CV20, CV01/CH01, CV03/CH03, CV05/CH05, CV07/CH07, CV09/CH09, CV11/CH11, CV13/CH13, CV17/CH17, CV19/CH19, CV21/CH21, and CV23/CH23.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ¹	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Galaxy 25	S2154	CH01/CV01	3702 - 3738	36			0%
		CH03/CV03	3742 - 3778	36			0%
		CH11C/CV11C	3902 - 3938	36			0%
		CH13C/CV13C	3942 - 3978	36			0%
		CH15C/CV15C	3982 - 4018	36			0%
		CH17C/CV17C	4022 - 4058	36			0%
		CH19C/CV19C	4062 - 4098	36			0%
		CH21C/CV21C	4102 - 4138	36			0%
		CH23C/CV23C	4142 - 4178	36			0%
		CH5C/CV5C	3782 - 3818	36			0%
		CH7C/CV7C	3822 - 3858	36			0%
		CH9C/CV9C	3862 - 3898	36			0%
		CV10C/CH10C	3882 - 3918	36			0%
		CV12C/CH12C	3922 - 3958	36			0%
		CV14C/CH14C	3962 - 3998	36			0%
		CV16C/CH16C	4002 - 4038	36			0%
		CV18C/CH18C	4042 - 4078	36			0%
		CV20C/CH20C	4082 - 4118	36			0%
		CV22C/CH22C	4122 - 4158	36			0%
		CV24C/CH24C	4162 - 4198	36			0%
		CV2C/CH2C	3722 - 3758	36			0%
		CV4C/CH4C	3762 - 3798	36			0%
		CV6C/CH6C	3802 - 3838	36			0%
		CV8C/CH8C	3842 - 3878	36			0%

¹ Intelsat has offloaded all of the traffic on Galaxy 25 in preparation of its redeployment. See *Intelsat License LLC, STA to Drift Galaxy 25 to 32.9 E.L. (S2154)*, File No. SAT-STA-20190502-00034 (filed May 5, 2019). Galaxy 11 (S2253) is currently being redeployed to 93.1 W.L. to replace Galaxy 25. See, e.g., *Policy Branch Information; Actions Taken*, Report No. SAT-01373, File No. SAT-STA-20190204-00004 (Feb. 22, 2019) (Public Notice).

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ²	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Galaxy 28	S2160	CH101/CV101 ¹	3704 - 3776	72			0%
		CH105/CV105 ¹	3784 - 3856	72			0%
		CH109/CV109	3862 - 3898	36			0%
		CH113/CV113	3942 - 3978	36			0%
		CH115/CV115 ¹	3982 - 4018	36			0%
		CH117/CV117	4022 - 4058	36			0%
		CH119/CV119 ¹	4062 - 4098	36			0%
		CH121/CV121	4102 - 4138	36			0%
		CV102/CH102	3722 - 3758	36			0%
		CV104/CH104	3762 - 3798	36			0%
		CV106/CH106	3802 - 3838	36			0%
		CV108/CH108	3842 - 3878	36			0%
		CV110/CH110	3882 - 3918	36			0%
		CV112/CH112	3922 - 3958	36			0%
		CV114/CH114	3962 - 3998	36			0%
		CV116/CH116	4002 - 4038	36			0%
		CV120/CH120	4082 - 4118	36			0%
		CV122/CH122	4122 - 4158	36			0%
		CV124/CH124	4162 - 4198	36			0%

¹ These transponders are used for occasional use ("OU") services.

² The following transponders are designated for restoration of services in the event of a transponder or satellite failure and are contractually committed to be available on-demand for such purposes: CH113/CV113, CH115/CV115, CV112/CH112, and CV116/CH116.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ²	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Galaxy 3C	S2381	10C/10C	3882 - 3918	36			0%
		11C/11C ¹	3902 - 3938	36			0%
		12C/12C	3922 - 3958	36			0%
		13C/13C ¹	3942 - 3978	36			0%
		14C/14C	3962 - 3998	36			0%
		15C/15C	3982 - 4018	36			0%
		16C/16C	4002 - 4038	36			0%
		17C/17C ¹	4022 - 4058	36			0%
		18C/18C	4042 - 4078	36			0%
		19C/19C	4062 - 4098	36			0%
		1C/1C	3702 - 3738	36			0%
		20C/20C ¹	4082 - 4118	36			0%
		21C/21C ¹	4102 - 4138	36			0%
		22C/22C ¹	4122 - 4158	36			0%
		23C/23C ¹	4142 - 4178	36			0%
		24C/24C ¹	4162 - 4198	36			0%
		2C/2C	3722 - 3758	36			0%
		3C/3C	3742 - 3778	36			0%
		4C/4C	3762 - 3798	36			0%
		5C/5C	3782 - 3818	36			0%
		6C/6C	3802 - 3838	36			0%
		7C/7C	3822 - 3858	36			0%
		8C/8C	3842 - 3878	36			0%
		9C/9C	3862 - 3898	36			0%

¹ These transponders are used for occasional use ("OU") services.

² The following transponders are designated for restoration of services in the event of a transponder or satellite failure and are contractually committed to be available on-demand for such purposes: 16C/16C, 1C/1C, 21C/21C, 22C/22C, 23C/23C, and 24C/24C.

Intelsat License LLC
Transponder and Contract Information

REDACTED – FOR PUBLIC INSPECTION

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Horizons 3e ¹	S2947	C601V1.009/C601H1.005	3924 - 3973	49.5			0%
		C601V1.015/GCR2.003	4153 - 4192	39.1			50%
		C602V1.016/GCR1.006	4111 - 4132	20.8			100%
		GCL1.010/C601V1.008	3838 - 3851	13			0%
		GCL1.012/GCR1.009	4137 - 4151	13			100%
		K31V1.009/C601H1.025	3833 - 3851	18.2			0%
		K36H1.007/C601H1.019	3997 - 4007	10.4			0%
		K36H1.009/C601H1.029	3822 - 3833	10.4			0%
		K40H1.003/C601V1.016	3851 - 3861	10.4			0%
		K40H1.004/C601V1.017	3861 - 3864	2.6			0%
		K44H1.017/C601H1.026	3992 - 3997	5.2			0%
		K44H1.018/C601H1.027	3992 - 3997	5.2			0%
		K47H1.011/C601H1.030	3986 - 3992	5.2			0%
		K49V1.005/C601H1.008	3973 - 3986	13			0%
		K51V1.003/C601H1.015	3708 - 3736	28.6			0%
		K52H1.001/C601V1.012	3708 - 3736	28.6			0%
		K53H1.001/C601V1.009	3736 - 3765	28.6			0%
		K54V1.001/C601H1.013	3736 - 3765	28.6			0%
		K55H1.002/C601V1.013	3765 - 3794	28.6			0%
		K56H1.003/C601V1.014	3794 - 3822	28.6			0%
		K57V1.002/C601H1.016	3765 - 3794	28.6			0%
		K602H1.000/C601V1.006	3916 - 4093	177.1			0%
		K61V1.000/C601H1.004	3851 - 3924	72.9			0%

¹ Horizons 3e launched in 2018 and arrived on station on January 2, 2019.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 10-02	S2414	11-B/11-B	3709 - 3781	72			0%
		12-A/12-A	3789 - 3861	72			100%
		12-B/12-B	3789 - 3861	72			0%
		13-A/13-A ¹	3869 - 3941	72			100%
		13-B/13-B	3869 - 3941	72			100%
		14-A/14-A	3959 - 4031	72			100%
		14-B/14-B	3959 - 4031	72			0%
		15-A/15-A	4037 - 4073	36			100%
		15-B/15-B	4037 - 4073	36			100%
		16-A/16-A ¹	4077 - 4113	36			25%
		17-A/17-A	4117 - 4153	36			100%
		18-A/38	4157 - 4193	36			0%
		18-B/18-B	4157 - 4193	36			100%
		21/11-A ¹	3709 - 3781	72			4%
		38/38	4157 - 4193	36			100%
		86/86 ¹	4077 - 4113	36			100%

¹These transponders are used for occasional use ("OU") services.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 11	S2237	AE10C/AE10C	3953 - 4007	54			0%
		AE11C/AE11C	4013 - 4067	54			100%
		AE12C/AE12C	4013 - 4067	54			0%
		AE13C/AE13C	4073 - 4127	54			100%
		AE14C/AE14C	4073 - 4127	54			0%
		AE15C/AE15C ¹	4133 - 4197	64			100%
		AE16C/AE16C ¹	4133 - 4197	64			39%
		AE1C/AE1C	3703 - 3757	54			0%
		AE2C/AE2C	3703 - 3757	54			0%
		AE3C/AE3C	3763 - 3817	54			100%
		AE4C/AE4C	3763 - 3817	54			100%
		AE5C/AE5C ¹	3823 - 3877	54			100%
		AE6C/AE6C	3823 - 3877	54			100%
		AE7C/AE7C	3883 - 3947	64			0%
		AE8C/AE8C	3883 - 3947	64			100%
		AE9C/AE9C	3953 - 4007	54			100%

¹ These transponders are used for occasional use ("OU") services.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ¹	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 14	S2785	A25CV/A25CH	3717 - 3753	36			100%
		A26CH/A26CV ¹	3717 - 3753	36			65%
		A27CH/A27CH ¹	3757 - 3793	36			6%
		A28CV/A28CV	3757 - 3793	36			83%
		A29CV/A29CH	3797 - 3833	36			100%
		A30CH/A30CV	3797 - 3833	36			53%
		A31CH/A31CH	3837 - 3873	36			100%
		A32CV/A32CV	3837 - 3873	36			100%
		A33CH/A33CH	3881 - 3953	72			100%
		A34CV/A34CV	3881 - 3953	72			100%
		A35CV/A35CH ¹	3961 - 4033	72			100%
		A36CH/A36CV	3961 - 4033	72			100%
		A37CH/A37CH	4041 - 4113	72			41%
		A38CV/A38CV	4041 - 4113	72			84%
		A39CV/A39CH	4121 - 4193	72			100%
		A40CH/A40CV	4121 - 4193	72			49%

¹ These transponders are used for occasional use ("OU") services.

Intelsat License LLC
Transponder and Contract Information

REDACTED -- FOR PUBLIC INSPECTION

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 18	S2817	G17C/G17C	4037 - 4073	36			18%
		G18C/G18C	4037 - 4073	36			0%
		G19C/G19C	4077 - 4113	36			0%
		G20C/G20C	4077 - 4113	36			7%
		G21C/G21C	4117 - 4153	36			37%
		G22C/G22C	4117 - 4153	36			0%
		G23C/G23C	4157 - 4198	41			26%
		G24C/G24C	4157 - 4198	41			0%
		NH1C/NH1C	3709 - 3781	72			26%
		NH2C/NH2C	3709 - 3781	72			0%
		NH3C/SH11C	3789 - 3861	72			100%
		NH4C/SH12C	3789 - 3861	72			52%
		NH5C/NH5C	3869 - 3941	72			100%
		NH6C/NH6C	3869 - 3941	72			65%
		NH7C/NH7C	3959 - 4031	72			100%
		NH8C/NH8C	3959 - 4031	72			100%
		SH10C/SH10C ¹	3709 - 3781	72			65%
		SH11C/NH3C	3789 - 3861	72			87%
		SH12C/NH4C ¹	3789 - 3861	72			77%
		SH13C/SH13C	3869 - 3941	72			100%
		SH14C/SH14C	3869 - 3941	72			50%
		SH15C/SH15C	3959 - 4031	72			100%
		SH16C/SH16C	3959 - 4031	72			100%
		SH9C/SH9C	3709 - 3781	72			39%

¹ These transponders are used for occasional use ("OU") services.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 19	S2850	WH10C/WH10C	3882 - 3918	36			100%
		WH11C/WH11C	3902 - 3938	36			100%
		WH12C/WH12C	3922 - 3958	36			0%
		WH13C/WH13C	3942 - 3978	36			82%
		WH14C/WH14C	3962 - 3998	36			100%
		WH15C/WH15C	3982 - 4018	36			100%
		WH16C/WH16C ¹	4002 - 4038	36			26%
		WH17C/WH17C	4022 - 4058	36			100%
		WH18C/WH18C ¹	4042 - 4078	36			50%
		WH19C/WH19C	4062 - 4098	36			67%
		WH1C/WH1C	3702 - 3738	36			78%
		WH20C/WH20C	4082 - 4118	36			100%
		WH21C/WH21C	4102 - 4138	36			100%
		WH22C/WH22C	4122 - 4158	36			0%
		WH23C/WH23C	4142 - 4178	36			57%
		WH24C/WH24C	4162 - 4198	36			100%
		WH2C/WH2C	3722 - 3758	36			100%
		WH3C/WH3C	3742 - 3778	36			100%
		WH4C/WH4C	3762 - 3798	36			50%
		WH5C/WH5C	3782 - 3818	36			83%
		WH6C/WH6C	3802 - 3838	36			0%
		WH7C/WH7C	3822 - 3858	36			100%
		WH8C/WH8C	3842 - 3878	36			100%
		WH9C/WH9C	3862 - 3898	36			100%

¹ These transponders are used for occasional use ("OU") services.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ²	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 1R ¹	S2368	AM10C/AM10C	3877 - 3913	36			0%
		AM11C/AM11C	3917 - 3953	36			0%
		AM12C/AM12C	3917 - 3953	36			0%
		AM13C/AM13C	3957 - 3993	36			0%
		AM14C/AM14C	3957 - 3993	36			0%
		AM15C/AM15C	3997 - 4033	36			0%
		AM16C/AM16C	3997 - 4033	36			0%
		AM18C/AM18C	4037 - 4073	36			0%
		AM19C/AM19C	4077 - 4113	36			0%
		AM1C/AM1C	3717 - 3753	36			0%
		AM22C/AM22C	4117 - 4153	36			0%
		AM24C/AM24C	4157 - 4193	36			0%
		K47H1.011/C601H1.030	3717 - 3753	36			0%
		AM3C/AM3C	3757 - 3793	36			0%
		AM4C/AM4C	3757 - 3793	36			0%
		AM5C/AM5C	3797 - 3833	36			0%
		AM6C/AM6C	3797 - 3833	36			0%
		AM7C/AM7C	3837 - 3873	36			0%
		AM8C/AM8C	3837 - 3873	36			0%
		AM9C/AM9C	3877 - 3913	36			0%
		EF11C	3917 - 3953	36			0%
		EF13C	3957 - 3993	36			0%
		EF15C	3997 - 4033	36			0%
		EF17C	4037 - 4073	36			0%
		EF19	4077 - 4113	36			0%
		EF1C	3717 - 3753	36			0%
		EF21C	4117 - 4153	36			0%
		EF23C	4157 - 4193	36			0%

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ²	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 1R	S2368	EF3C	3757 - 3793	36			0%
		EF5C	3797 - 3833	36			0%
		EF7C	3837 - 3873	36			0%
		EF9C	3877 - 3913	36			0%

¹ In March 2016 Intelsat 1R was located at 50 W.L. Intelsat 1R is currently located at 157.1 E.L.

² Intelsat is current not using 3700-4200 MHz on Intelsat 1R because of its colocation with Telkom-2, which is operating in 3700-4200 MHz.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ²	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 21	S2863	WH10C/WH10C	3862 - 3898	36			0%
		WH11C/WH11C	3902 - 3938	36			25%
		WH12C/WH12C	3902 - 3938	36			100%
		WH13C/WH13C	3942 - 3978	36			0%
		WH14C/WH14C	3942 - 3978	36			100%
		WH15C/WH15C	3982 - 4018	36			0%
		WH16C/WH16C	3982 - 4018	36			0%
		WH17C/WH17C	4022 - 4058	36			0%
		WH18C/WH18C	4022 - 4058	36			100%
		WH19C/WH19C	4062 - 4098	36			0%
		WH1C/WH1C	3702 - 3738	36			0%
		WH20C/WH20C	4062 - 4098	36			0%
		WH21C/WH21C	4102 - 4138	36			0%
		WH22C/WH22C	4102 - 4138	36			0%
		WH23C/WH23C ¹	4142 - 4178	36			36%
		WH24C/WH24C	4142 - 4178	36			0%
		WH2C/WH2C	3702 - 3738	36			0%
		WH3C/WH3C	3742 - 3778	36			0%
		WH4C/WH4C	3742 - 3778	36			0%
		WH5C/WH5C	3782 - 3818	36			0%
		WH6C/WH6C	3782 - 3818	36			100%
		WH7C/WH7C	3822 - 3858	36			0%
		WH8C/WH8C	3822 - 3858	36			0%
		WH9C/WH9C	3862 - 3898	36			0%

¹ This transponder is used for occasional use ("OU") services.

²The following transponder is designated for restoration of services in the event of a transponder or satellite failure and is contractually committed to be available on-demand for such purposes: WH19C/WH19C.

Intelsat License LLC
Transponder and Contract Information

REDACTED -- FOR PUBLIC INSPECTION

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 22	S2846	15C/15C	3794 - 3866	72			100%
		16C/16C	3794 - 3866	72			100%
		17C/17C	3874 - 3946	72			100%
		18C/18C	3874 - 3946	72			100%
		19C/19C	3954 - 4026	72			100%
		20C/20C	3954 - 4026	72			100%
		21C/21C	4034 - 4106	72			100%
		22C/22C	4034 - 4106	72			100%
		23C/23C	4114 - 4186	72			100%
		24C/24C	4114 - 4186	72			100%

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 23	S2831	G21C/G21C	4117 - 4153	36			9%
		G23C/G23C	4157 - 4198	41			2%
		WH10C/WH10C	4039 - 4111	72			52%
		WH12C/WH12C	4119 - 4196	77			100%
		WH1C/WH1C	3704 - 3781	77			82%
		WH2C/WH2C	3704 - 3781	77			100%
		WH3C/WH3C	3789 - 3861	72			59%
		WH4C/WH4C	3789 - 3861	72			100%
		WH5C/WH5C	3869 - 3941	72			56%
		WH6C/WH6C	3869 - 3941	72			95%
		WH7C/WH7C	3959 - 4031	72			50%
		WH8C/WH8C	3959 - 4031	72			100%
		WH9C/WH9C	4039 - 4111	72			100%

Intelsat License LLC
Transponder and Contract Information

REDACTED – FOR PUBLIC INSPECTION

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 25	S2804	AF10C/AF10C	3802 - 3838	36			0%
		AF11C/AF11C	3822 - 3858	36			100%
		AF12C/AF12C	3842 - 3878	36			63%
		AF13C/AF13C	3862 - 3898	36			100%
		AF14C/AF14C	3882 - 3918	36			74%
		AF15C/AF15C	3902 - 3938	36			100%
		AF16C/AF16C	3922 - 3958	36			0%
		AF17C/AF17C	3942 - 3978	36			0%
		AF18C/AF18C	3962 - 3998	36			50%
		AF19C/AF19C	3982 - 4018	36			100%
		AF20C/AF20C	4002 - 4038	36			100%
		AF21C/AF21C	4022 - 4058	36			40%
		AF22C/AF22C	4042 - 4078	36			100%
		AF23C/AF23C	4062 - 4098	36			0%
		AF24C/AF24C	4082 - 4118	36			0%
		AF25C/AF25C	4106 - 4178	72			0%
		AF4C/AF4C	3682 - 3718	36			100%
		AF5C/AF5C	3702 - 3738	36			100%
		AF6C/AF6C	3722 - 3758	36			100%
		AF7C/AF7C	3742 - 3778	36			71%
		AF8C/AF8C	3762 - 3798	36			100%
		AF9C/AF9C	3782 - 3818	36			100%
		WF16K/AF26C	4126 - 4198	72			0%

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016 ¹	Percentage Used for Customer outside the U.S.
Intelsat 29e ²	S2913	K604H1.054/SACH4.003	3828 - 3833	5.2			100%
		K604H1.072/SACH2.024	3703 - 3721	18.2			100%
		SACH1.004/SACV1.000	3708 - 3773	65.1			100%
		SACH1.005/SACV3.000	3789 - 3861	72.9			100%
		SACH1.006/SACV5.000	3867 - 3942	75.5			100%
		SACH1.007/SACV7.000	3958 - 4033	75.5			100%
		SACH1.009/SACV11.000	4075 - 4114	39.1			100%
		SACH1.012/SACV13.001	4117 - 4156	39.1			100%
		SACH1.014/SACV15.003	4156 - 4195	39.1			100%
		SACH1.033/SACV9.006	4036 - 4075	39.1			100%
		SACV1.010/SACH2.013	3752 - 3817	65.1			100%
		SACV1.011/SACH4.002	3833 - 3942	109.4			100%
		SACV1.013/SACH6.002	3955 - 4018	62.5			100%
		SACV1.014/SACH8.002	4075 - 4190	114.6			100%
		SACV1.056/SACH6.031	3953 - 3955	2.6			100%

¹ Intelsat 29e was launched in 2016 and arrived on station on March 21, 2016. Contractual data as of March 1, 2016 is not available in automated form. The data for Intelsat 1R in 2016 reflects the customers that were transitioned onto Intelsat 29e.

² Two anomalies in April 2019 resulted in the total loss of the Intelsat 29e spacecraft. The traffic once carried by this satellite has been restored on other satellites.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ²	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 34	S2915	AE10C/AE10C	3907 - 3943	36			75%
		AE11C/AE11C ¹	3957 - 3993	36			64%
		AE12C/AE12C	3957 - 3993	36			0%
		AE13C/AE13C	3997 - 4033	36			34%
		AE14C/AE14C	3997 - 4033	36			100%
		AE15C/AE15C	4037 - 4073	36			50%
		AE16C/AE16C	4037 - 4073	36			0%
		AE17C/AE17C ¹	4077 - 4113	36			88%
		AE18C/AE18C	4077 - 4113	36			100%
		AE19C/AE19C	4117 - 4153	36			100%
		AE1C/AE1C ¹	3709 - 3781	72			0%
		AE20C/AE20C	4117 - 4153	36			91%
		AE21C/AE21C	4157 - 4198	41			0%
		AE22C/AE22C	4157 - 4198	41			0%
		AE2C/AE2C ¹	3709 - 3781	72			100%
		AE3C/AE3C	3787 - 3823	36			0%
		AE4C/AE4C	3787 - 3823	36			0%
		AE5C/AE5C	3827 - 3863	36			0%
		AE6C/AE6C	3827 - 3863	36			0%
		AE7C/AE7C	3867 - 3903	36			0%
		AE8C/AE8C	3867 - 3903	36			100%
		AE9C/AE9C	3907 - 3943	36			0%

¹ These transponders are used for occasional use ("OU") services.

² The following transponders are designated for restoration of services in the event of a transponder or satellite failure and are contractually committed to be available on-demand for such purposes: AE12C/AE12C, AE15C/AE15C, and AE9C/AE9C.

Intelsat License LLC
Transponder and Contract Information

REDACTED – FOR PUBLIC INSPECTION

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 35e ¹	S2959	C01L1.011/C09R1.001	3896 - 3914	18.2			0%
		C01L1.021/GCR2.009	4158 - 4161	2.6			100%
		C01R1.002/GCL2.001	4153 - 4174	20.8			100%
		C02L1.001/C08R2.001	3786 - 3789	2.6			0%
		C02L1.017/C08R2.022	3784 - 3789	5.2			0%
		C03L1.019/C09L1.030	4089 - 4091	2.6			0%
		C04L1.006/C08R1.013	3742 - 3745	2.6			0%
		C05L1.008/C08R2.017	3755 - 3781	26			0%
		C06L1.009/C09R1.026	3984 - 3987	2.6			0%
		C06L1.013/C08R2.021	3849 - 3859	10.4			0%
		C07L1.001/GCR2.001	4161 - 4166	5.2			0%
		C08L1.008/GCR2.002	4171 - 4192	20.8			0%
		C08L1.024/C09R1.019	3982 - 3984	2.6			0%
		C08L1.043/C08L2.010	3755 - 3792	36.5			0%
		C08L1.046/C08R1.033	3721 - 3737	15.6			0%
		C08R1.001/GCL1.001	4111 - 4151	39.1			0%
		C08R1.008/C09L1.022	4081 - 4083	2.6			0%
		C08R1.009/C09L1.026	4042 - 4081	39.1			0%
		C08R1.017/C08L2.008	3857 - 3859	2.6			0%
		C09L1.011/C09R1.010 ²	3885 - 3896	10.4			0%
		C09L1.020/C08R2.014	3810 - 3849	39.1			0%
		C09L1.021/C08R2.015	3862 - 3865	2.6			0%
		C09L1.029/C09L1.029	4091 - 4102	10.4			0%
		C09L1.032/C09R1.032	3956 - 3979	23.4			0%
		C09L1.033/C09R1.033	3875 - 3885	10.4			0%
		C09R1.023/C09L1.021	4083 - 4089	5.2			0%
		C09R1.028/C08R2.013	3789 - 3792	2.6			0%
		C09R1.029/C09L1.025	3883 - 4042	158.9			0%
		C09R1.035/C09R1.028	3914 - 3956	41.7			0%
		C11L2.014/C08R2.018	3792 - 3799	7.8			0%
		GCL1.007/GCR1.003	4111 - 4151	39.1			0%
		GCL1.015/C08R1.008	3703 - 3721	18.2			0%

Intelsat License LLC
Transponder and Contract Information

REDACTED – FOR PUBLIC INSPECTION

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intesat 35e	S2959	GCL1.016/GCR2.011	4156 - 4158	2.6			0%
		GCR1.004/GCL2.002	4174 - 4192	18.2			100%

¹ Intelsat 35e launched in 2017.

² This transponder is used for occasional use ("OU") services.

Intelsat License LLC
Transponder and Contract Information

REDACTED – FOR PUBLIC INSPECTION

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 37e ¹	S2972	AFECL1.002/C2L2.002	3987 - 4000	13			0%
		AFECL1.012/LAMCR3.007	3716 - 3721	5.2			0%
		C1L1.097/LAMCL6.003	3820 - 3839	18.2			0%
		C2L1.002/GCR3.000	4153 - 4190	36.5			0%
		C2L1.003/LAMCR3.002	3721 - 3737	15.6			0%
		C2L1.038/LAMCR3.006	3714 - 3716	2.6			0%
		C2R2.000/GCL4.000	4153 - 4192	39.1			0%
		CAFCR2.002/C2L2.007	3971 - 3987	15.6			0%
		GCL1.000/C2L2.005	3885 - 3919	33.9			0%
		GCL1.001/GCR1.000	4111 - 4140	28.6			0%
		GCR2.001/GCL2.000	4114 - 4148	33.9			91%
		GCR2.003/C2L2.040	3919 - 3935	15.6			0%
		GCR2.004/GCL2.001	4106 - 4111	5.2			100%
		GCR2.006/GCL2.003	4111 - 4114	2.6			100%
		GCR2.010/GCL4.004	4151 - 4153	2.6			100%
		K02H1.017/C2L2.057	4005 - 4016	10.4			0%
		K02H1.018/C2L2.067	4005 - 4013	7.8			0%
		K03H1.005/C2L2.058	4016 - 4026	10.4			0%
		K03H1.007/C2L2.070	4021 - 4026	5.2			0%
		K04H1.025/C2L2.065	4073 - 4083	10.4			0%
		K04H1.026/C2L2.071	4073 - 4078	5.2			0%
		K05V1.014/C2L2.060	4026 - 4036	10.4			0%
		K05V1.015/C2L2.072	4026 - 4034	7.8			0%
		K06H1.006/C2L2.061	4036 - 4047	10.4			0%
		K06H1.007/C2L2.074	4036 - 4044	7.8			0%
		K07H1.009/C2L2.062	4047 - 4055	7.8			0%
		K07H1.012/C2L2.076	4047 - 4052	5.2			0%
		K08V1.010/C2L2.064	4065 - 4073	7.8			0%
		K08V1.012/C2L2.088	4065 - 4073	7.8			0%
		K09V1.007/C2L2.085	3961 - 3966	5.2			0%
		K09V1.008/C2L2.086	3958 - 3966	7.8			0%
		K10V1.011/C2L2.063	4055 - 4065	10.4			0%

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 37e	S2972	K10V1.012/C2L2.079	4055 - 4060	5.2			0%
		K11H1.007/C2L2.081	3966 - 3971	5.2			0%
		K16V1.006/C2L2.082	3948 - 3953	5.2			0%
		K28V1.006/C2L2.089	4078 - 4083	5.2			0%
		K28V1.012/C2L2.103	3935 - 3945	10.4			0%
		K28V1.014/C2L2.106	3935 - 3945	10.4			0%
		K51H1.006/C2L2.092	4003 - 4005	2.6			0%
		K51H1.016/C2L2.104	3945 - 3948	2.6			0%
		LAMCL1.001/LAMCR3.001	3708 - 3711	2.6			0%
		LAMCL1.002/C2L2.004	3875 - 3883	7.8			0%
		LAMCL1.003/LAMCR1.000	3698 - 3701	2.6			0%
		LAMCL1.007/C2L2.084	4083 - 4086	2.6			0%
		LAMCL1.020/C2L2.100	4000 - 4003	2.6			0%
		LAMCL1.026/LAMCR3.013	3755 - 3781	26			0%
		LAMCR2.000/LAMCL4.000	3706 - 3781	75.5			0%
		LAMCR2.001/LAMCL6.000	3786 - 3820	33.9			0%

¹ Intelsat 37e was launched in 2017.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 5 ¹	S2704	PA10C/PA10C	3862 - 3898	36			0%
		PA11C/PA11C	3902 - 3938	36			0%
		PA12C/PA12C	3902 - 3938	36			0%
		PA13C/PA13C	3942 - 3978	36			0%
		PA14C/PA14C	3942 - 3978	36			0%
		PA15C/PA15C	3982 - 4018	36			0%
		PA16C/PA16C	3982 - 4018	36			0%
		PA17C/PA17C	4022 - 4058	36			0%
		PA18C/PA18C	4022 - 4058	36			0%
		PA19C/PA19C	4062 - 4098	36			0%
		PA1C/PA1C	3702 - 3738	36			0%
		PA20C/PA20C	4062 - 4098	36			0%
		PA21C/PA21C	4102 - 4138	36			0%
		PA22C/PA22C	4102 - 4138	36			0%
		PA23C/PA23C	4142 - 4178	36			0%
		PA24C/PA24C	4142 - 4178	36			0%
		PA2C/PA2C	3702 - 3738	36			0%
		PA3C/PA3C	3742 - 3778	36			0%
		PA4C/PA4C	3742 - 3778	36			0%
		PA5C/PA5C	3782 - 3818	36			0%
		PA6C/PA6C	3782 - 3818	36			0%
		PA7C/PA7C	3822 - 3858	36			0%
		PA8C/PA8C	3822 - 3858	36			0%
		PA9C/PA9C	3862 - 3898	36			0%

¹ In March 2016 Intelsat 5 was located at 157 E.L. Intelsat 5 was relocated to 137 W.L. in mid-2018. Due to suboptimal coverage largely over the Pacific Ocean, Intelsat has not been able to commercialize the C-Band payload, despite Intelsat’s earlier assumed customer demand for the capacity for mobility applications. Intelsat is currently assessing the deployment of other satellites to this role.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ¹	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 805	S2404	11/11	3709 - 3781	72			0%
		12/12	3789 - 3861	72			0%
		13/13	3869 - 3941	72			0%
		14/14	3959 - 4031	72			0%
		15/15	4037 - 4073	36			0%
		16/16	4077 - 4113	36			0%
		17/17	4117 - 4153	36			0%
		18/18	4157 - 4198	41			0%
		21/21	3709 - 3781	72			0%
		22/22	3789 - 3861	72			0%
		23/23	3869 - 3941	72			0%
		24/24	3959 - 4031	72			0%
		25/25	4037 - 4073	36			0%
		26/26	4077 - 4113	36			0%
		27/27	4117 - 4153	36			0%
		28/28	4157 - 4198	41			0%

¹ Intelsat is current not using 3700-4200 MHz on Intelsat 805 because of its colocation with Horizons 3e, which is operating in 3700-4200 MHz.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016 ¹	Percentage Used for Customer outside the U.S.
Intelsat 901	S2405	11/11	3709 - 3781	72			0%
		12/12	3789 - 3861	72			0%
		13/13	3869 - 3941	72			0%
		14/14	3959 - 4031	72			0%
		15/15	4037 - 4073	36			0%
		36/36	4077 - 4113	36			100%
		37/37	4117 - 4153	36			100%
		38/38	4157 - 4198	41			0%
		43/43	3869 - 3941	72			0%
		45/95	4037 - 4073	36			0%
		61/41	3709 - 3781	72			0%
		62/42	3789 - 3861	72			0%
		74/44	3959 - 4031	72			0%
		86/86	4077 - 4113	36			0%
		87/87	4117 - 4153	36			0%
		88/88	4157 - 4198	41			0%
		91/91	3709 - 3781	72			0%
		92/92	3789 - 3861	72			0%
		93/93	3869 - 3941	72			0%
		94/94	3959 - 4031	72			0%
		95/45	4037 - 4073	36			0%

¹ In March 2016 Intelsat 901 was located at 18 W.L. Intelsat 901 is currently located at 29.5 W.L.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019 ¹	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 903 ²	S2407	11/11	3709 - 3781	72			0%
		13/13	3869 - 3941	72			0%
		14/14	3959 - 4031	72			0%
		15/15	4047 - 4073	36			0%
		22/12	3789 - 3861	72			0%
		36/36	3789 - 3861	0			0%
		37/37	4117 - 4153	36			0%
		38/38	4157 - 4198	41			0%
		41/41	3709 - 3781	72			0%
		42/42	3789 - 3861	72			0%
		43/43	3869 - 3941	72			0%
		44/44	3959 - 4031	72			0%
		45/45	4047 - 4073	36			0%
		61/91C	3709 - 3781	72			100%
		72/92C	3789 - 3861	72			100%
		73/93C	3789 - 3861	0			0%
		86/86	3789 - 3861	0			0%
		87/87	4117 - 4153	36			0%
		88/88	4157 - 4198	41			0%
		93C/93C	3869 - 3941	72			0%
		94C/94C	3959 - 4031	72			0%
		95C/95C	4037 - 4073	36			0%

¹ Intelsat 903 is co-located with Intelsat 25, where both satellites are operating in 3700-4200 MHz. This co-location limits the use of 3700-4200 MHz on Intelsat 903.

² In March 2016 Intelsat 903 was located at 34.5 W.L. Intelsat 903 is currently located at 31.5 W.L.

Intelsat License LLC
Transponder and Contract Information

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Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 905	S2409	105/45	4037 - 4073	36			0%
		12/12	3789 - 3861	72			0%
		13/13	3869 - 3941	72			0%
		14/14	3959 - 4031	72			0%
		15/15	4037 - 4073	36			0%
		21/11	3709 - 3781	72			60%
		24/44	3959 - 4031	72			0%
		36/36	4077 - 4113	36			0%
		37/37	4117 - 4153	36			0%
		38/38	4157 - 4198	41			0%
		41/41	3709 - 3781	72			0%
		42/92C	3789 - 3861	72			0%
		43/43	3869 - 3941	72			0%
		86/86	4077 - 4113	36			0%
		87/87	4117 - 4153	36			0%
		88/88	4157 - 4198	41			100%
		91C/91C	3709 - 3781	72			100%
		92C/42	3789 - 3861	72			0%
		93C/93C	3869 - 3941	72			0%
		94C/94C	3959 - 4031	72			100%
		95C/95C	4037 - 4073	36			0%

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Intelsat 907	S2411	11/11	3709 - 3781	72			66%
		12/12	3789 - 3861	72			24%
		13/13	3869 - 3941	72			0%
		14/14	3959 - 4031	72			0%
		15/15	4037 - 4073	36			0%
		21/41	3709 - 3781	72			0%
		36/36	4077 - 4113	36			67%
		37/37	4117 - 4153	36			100%
		38/38	4157 - 4198	41			0%
		42/42	3789 - 3861	72			0%
		43/43	3869 - 3941	72			0%
		45/95C	4037 - 4073	36			100%
		54/94C	3959 - 4031	72			100%
		64/44	3959 - 4031	72			0%
		86/86	4077 - 4113	36			0%
		87/87	4117 - 4153	36			48%
		88/88	4157 - 4198	41			100%
		91C/91C	3709 - 3781	72			100%
		92C/92C ¹	3789 - 3861	72			70%
		93C/93C	3869 - 3941	72			100%
		95C/45	4037 - 4073	36			0%

¹ This transponder is used for occasional use ("OU") services.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
Telkom-2 ¹	S2988	01H	3702 - 3738	36			100%
		01V	3722 - 3758	36			100%
		02H	3742 - 3778	36			100%
		02V	3762 - 3798	36			100%
		03H	3782 - 3818	36			100%
		03V	3802 - 3838	36			100%
		04H	3822 - 3858	36			100%
		04V	3842 - 3878	36			100%
		05H	3862 - 3898	36			100%
		05V	3882 - 3918	36			100%
		06H	3902 - 3938	36			100%
		06V	3922 - 3958	36			100%
		07H	3942 - 3978	36			100%
		07V	3962 - 3998	36			100%
		08H	3982 - 4018	36			100%
		08V	4002 - 4038	36			100%
		09H	4022 - 4058	36			100%
		09V	4042 - 4078	36			100%
		10H	4062 - 4098	36			100%
		10V	4082 - 4118	36			100%
		11H	4102 - 4138	36			100%
		11V	4122 - 4158	36			100%
		12H	4142 - 4178	36			100%
		12V	4162 - 4198	36			100%

¹ Telkom-2 was not U.S. licensed in 2016. Transponder usage data provided by customer.

Satellite	Call Sign	Transponder name	Frequency Range (MHz)	Total Capacity (MHz)	Total Capacity (MHz) Under Contract March 2019	Total Capacity (MHz) Under Contract March 2016	Percentage Used for Customer outside the U.S.
JCSAT-RA ¹	S2988	C0001	3942 - 3978	36			100%
		C0002	3962 - 3998	36			100%
		C0003	3982 - 4018	36			100%
		C0004	4002 - 4038	36			100%
		C0005	4022 - 4058	36			100%
		C0006	4042 - 4078	36			100%
		C0007	4062 - 4098	36			100%
		C0008	4082 - 4118	36			100%
		C0009	4102 - 4138	36			100%
		C0010	4122 - 4158	36			100%
		C0011	4142 - 4178	36			100%
		C0012	4162 - 4198	36			100%

¹ JCSAT-RA was not U.S. licensed in 2016.

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REDACTED – FOR PUBLIC INSPECTION

Intelsat License LLC
Galaxy 13 Usage Data for March 2019

REDACTED – FOR PUBLIC INSPECTION

Transponder		10C/10C		11C/11C		12C/12C		13C/13C		14C/14C		15C/15C		16C/16C		17C/17C	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																	
2-Mar-19																	
3-Mar-19																	
4-Mar-19																	
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31-Mar-19																	

REDACTED – FOR PUBLIC INSPECTION

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Transponder	10C/10C		11C/11C		12C/12C		13C/13C		14C/14C		15C/15C		16C/16C		17C/17C	
Percentage of Capcity Used	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																
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REDACTED – FOR PUBLIC INSPECTION

Transponder		10C/10C		11C/11C		12C/12C		13C/13C		14C/14C		15C/15C		16C/16C		17C/17C	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																	
2-Mar-19																	
3-Mar-19																	
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REDACTED – FOR PUBLIC INSPECTION

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REDACTED – FOR PUBLIC INSPECTION

Transponder		10C/10C		11C/11C		12C/12C		13C/13C		14C/14C		15C/15C		16C/16C		17C/17C	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																	
2-Mar-19																	
3-Mar-19																	
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31-Mar-19																	

REDACTED – FOR PUBLIC INSPECTION

REDACTED – FOR PUBLIC INSPECTION

Transponder		CH02/CV02		CH04/CV04		CH06/CV06		CH08/CV08		CH10/CV10		CH12/CV12		CH14/CV14		CH16/CV16	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																	
2-Mar-19																	
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Transponder		CH01/CV01		CH19C/CV19C		CH21C/CV21C		CH23C/CV23C		CV2C/CH2C		CV4C/CH4C		CV6C/CH6C		CV8C/CH8C	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																	
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Transponder		CH101/CV101		CH105/CV105		CH109/CV109		CH113/CV113		CH115/CV115		CH117/CV117		CH119/CV119		CH121/CV121	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																	
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Transponder		10C/10C		11C/11C		12C/12C		13C/13C		14C/14C		15C/15C		16C/16C		17C/17C	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																	
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Transponder		K31V1.009/C601H1.025		K56H1.003/C601V1.014		K36H1.007/C601H1.019		K36H1.009/C601H1.029		K40H1.003/C601V1.016		K40H1.004/C601V1.017		K44H1.017/C601H1.026		K44H1.018/C601H1.027	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																	
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Transponder	K47H1.011/C601H1.030		K49V1.005/C601H1.008		C601V1.015/GCR2.003		C602V1.016/GCR1.006		GCL1.012/GCR1.009		K51V1.003/C601H1.015		C601V1.009/C601H1.005		K602H1.000/C601V1.006	
Percentage of Capcity Used	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																
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Transponder		15-A/15-A		15-B/15-B		16-A/16-A		17-A/17-A		18-B/18-B		21/11-A		38/38		11-B/11-B	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																	
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Transponder		AE10C/AE10C		AE11C/AE11C		AE12C/AE12C		AE13C/AE13C		AE14C/AE14C		AE15C/AE15C		AE16C/AE16C		AE1C/AE1C	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
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Date	Time	Location	Weather	Wind	Temp	Remarks

REDACTED – FOR PUBLIC INSPECTION

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REDACTED – FOR PUBLIC INSPECTION

Transponder	SH11C/NH3C		SH12C/NH4C		SH13C/SH13C		SH14C/SH14C		SH16C/SH16C		SH15C/SH15C		SH9C/SH9C	
Percentage of Capcity Used	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
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Transponder		WH10C/WH10C		WH11C/WH11C		WH12C/WH12C		WH13C/WH13C		WH14C/WH14C		WH15C/WH15C		WH16C/WH16C		WH17C/WH17C	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																	
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Transponder	AM18C/AM18C		AM19C/AM19C	
Percentage of Capcity Used	Average	Maximum	Average	Maximum
1-Mar-19				
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Intelsat License LLC
Intelsat 1R Usage Data for March 2019

REDACTED – FOR PUBLIC INSPECTION

Transponder	AM6C/AM6C		AM7C/AM7C		AM8C/AM8C		AM11C/AM11C		AM9C/AM9C		EF11C		EF13C		EF15C	
Percentage of Capcity Used	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																
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REDACTED – FOR PUBLIC INSPECTION

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Transponder	AM19C/AM19C	
Percentage of Capcity Used	Average	Maximum
1-Mar-19		
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31-Mar-19		

Transponder		WH10C/WH10C		WH11C/WH11C		WH12C/WH12C		WH13C/WH13C		WH14C/WH14C		WH15C/WH15C		WH16C/WH16C		WH17C/WH17C	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																	
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REDACTED – FOR PUBLIC INSPECTION

Transponder	WH2C/WH2C		WH3C/WH3C		WH4C/WH4C		WH5C/WH5C		WH6C/WH6C		WH7C/WH7C		WH8C/WH8C		WH9C/WH9C	
Percentage of Capcity Used	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																
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Intelsat License LLC
Intelsat 22 Usage Data for March 2019

REDACTED – FOR PUBLIC INSPECTION

Transponder		15C/15C		16C/16C		17C/17C		18C/18C		19C/19C		20C/20C		21C/21C		22C/22C	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																	
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Transponder	23C/23C		24C/24C	
Percentage of Capcity Used	Average	Maximum	Average	Maximum
1-Mar-19				
2-Mar-19				
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4-Mar-19				
5-Mar-19				
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REDACTED – FOR PUBLIC INSPECTION

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Intelsat License LLC
Intelsat 25 Usage Data for March 2019

REDACTED – FOR PUBLIC INSPECTION

Transponder	AF18C/AF18C		AF19C/AF19C		AF20C/AF20C		AF21C/AF21C		AF22C/AF22C		AF23C/AF23C		AF24C/AF24C		AF25C/AF25C	
Percentage of Capcity Used	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																
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Transponder	SACH1.014/SACV15.003		SACH1.033/SACV9.006		SACV1.010/SACH2.013		SACV1.011/SACH4.002		SACV1.013/SACH6.002		SACV1.014/SACH8.002		SACV1.056/SACH6.031	
Percentage of Capcity Used	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19														
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Transponder		AE10C/AE10C		AE11C/AE11C		AE12C/AE12C		AE13C/AE13C		AE14C/AE14C		AE15C/AE15C		AE16C/AE16C		AE17C/AE17C	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
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Transponder		C01L1.011/C09R1.001		C04L1.007/C08R1.015		C04L1.012/C08R1.027		C05L1.008/C08R2.017		C06L1.009/C09R1.026		C06L1.013/C08R2.021		C07L1.018/C08R1.029		C08L1.024/C09R1.019	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
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Transponder	C01L1.021/GCR2.009		C01R1.002/GCL2.001		C02L1.001/C08R2.001		C07L1.001/GCR2.001		C08L1.008/GCR2.002		C08R1.001/GCL1.001		GCL1.007/GCR1.003		GCL1.015/C08R1.008	
Percentage of Capcity Used	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																
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Transponder	GCR1.004/GCL2.002	
Percentage of Capcity Used	Average	Maximum
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Intelsat 37e Usage Data for March 2019

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Transponder	K06H1.006/C2L2.061		K06H1.007/C2L2.074		K07H1.009/C2L2.062		K07H1.012/C2L2.076		K08V1.010/C2L2.064		K08V1.012/C2L2.088		C1L1.097/LAMCL6.003		K09V1.007/C2L2.085	
Percentage of Capcity Used	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																
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Intelsat License LLC
Intelsat 37e Usage Data for March 2019

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Transponder	K09V1.008/C2L2.086		K10V1.011/C2L2.063		K10V1.012/C2L2.079		K11H1.007/C2L2.081		K16V1.006/C2L2.082		K28V1.006/C2L2.089		K28V1.012/C2L2.103		K28V1.014/C2L2.106	
Percentage of Capcity Used	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																
2-Mar-19																
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Transponder	PA8C/PA8C		PA9C/PA9C	
Percentage of Capcity Used	Average	Maximum	Average	Maximum
1-Mar-19				
2-Mar-19				
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Transponder		11/11		12/12		13/13		14/14		15/15		16/16		17/17		18/18	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																	
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Transponder	21/21		22/22		23/23		24/24		25/25		26/26		27/27		28/28	
Percentage of Capcity Used	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																
2-Mar-19																
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Transponder	AM8C/AM8C		AM9C/AM9C	
Percentage of Capcity Used	Average	Maximum	Average	Maximum
1-Mar-19				
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Transponder	43/43		45/95		61/41		62/42		74/44		86/86		87/87		88/88	
Percentage of Capcity Used	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																
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Transponder		11/11		22/12		61/91C		72/92C		73/93C		93C/93C		94C/94C		95C/95C	
Percentage of Capcity Used		Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																	
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Transponder	13/13		14/14		15/15		41/41		42/42		43/43		44/44		45/45	
Percentage of Capcity Used	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
1-Mar-19																
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Transponder	91C/91C		105/45		12/12		13/13		14/14		15/15		21/11		24/44	
Percentage of Capcity Used	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
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Transponder	38/38		42/42		43/43		45/95C		54/94C		64/44		86/86		87/87	
Percentage of Capcity Used	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum	Average	Maximum
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